

SUBSTITUTE FORM PTO-1449 (MODIFIED)		DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. 05892/006001	SERIAL NO. 08/973,249
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary) (37 CFR 1.98(b))		APPLICANT Rudolf Limpaecher		
		AUG 10 1998 PATENT & TRADEMARK OFFICE JC57	FILING DATE December 2, 1997	GROUP 2834 2838

PATENT DOCUMENTS										
EXAMINER INITIAL		PATENT NUMBER			ISSUE DATE	PATENTEE		CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
8	AA	5	6	0	8	6	1	4	3/1997	Ohnishi et al.
8	AB	5	4	7	3	5	2	6	12/1995	Svensson et al.
8	AC	5	3	5	7	4	1	9	10/1994	Limpaecher
8	AD	5	3	4	5	3	7	6	9/1994	Nourbukhsh
8	AE	5	2	7	0	9	1	3	12/1993	Limpaecher
8	AF	5	1	1	9	0	1	0	6/1992	Shirata et al.
8	AG	4	8	8	2	6	6	5	11/1989	Choi et al.
8	AH	4	8	1	2	9	6	1	3/1989	Essaff et al.
8	AI	4	8	0	7	1	0	4	2/1989	Floyd et al.
8	AJ	4	7	9	7	8	9	9	1/1989	Fuller et al.
8	AK	4	6	7	5	7	9	5	6/1987	Takamura et al.

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

		DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
8	AL	GB-A-2 104 737	8/1981	United Kingdom				
8	AM	DE-A-20 52 382	4/1982	Germany				✓
8	AN	975,911	5/1962	United Kingdom (Abstract)				
8	AO	988,777	1/1963	United Kingdom (Abstract)				
8	AP	988,778	1/1963	United Kingdom (Abstract)				

OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)

8	AQ	Crouch et al., "A Compact High Speed Low Impedance Blumlein Line for High Voltage Pulse Shaping", THE REVIEW OF SCIENTIFIC INSTRUMENTS, Vol. 43, No. 4, April 1972, pp. 632-637.
		Kuffel et al., "High-Voltage Engineering", APPLIED ELECTRICITY AND ELECTRONICS, Pergamon Press, 1984, pp. 12-23, 64-79.
8	AR	Von Bergmann, "Photo-Preionization Stabilized High-Pressure Glow-Discharge Lasers", UNIVERSITY OF NATAL, 1980, Ph.D. Thesis, pp. 90-99, 176-178.
8	AS	Riley
		DATE CONSIDERED Oct 98

EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Substitute Disclosure Form (PTO-1449)

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(37 CFR 1.98(b))APPLICANT
Rudolf LimpaecherFILING DATE
December 2, 1997GROUP
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PATENT DOCUMENTS

EXAMINER INITIAL		PATENT NUMBER						ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
8	BA	4	6	4	9	4	6	8	3/1987	Cubbison Jr.		
8	BB	4	6	4	2	4	7	6	2/1987	Honig		
8	BC	4	6	3	6	9	3	0	1/1987	Bingham et al.		
8	BD	4	5	2	4	2	8	9	6/1985	Hammond et al.		
8	BE	4	5	2	3	2	6	9	6/1985	Baker et al.		
8	BF	4	4	6	0	9	5	3	7/1984	Fukushima et al.		
8	BG	4	2	7	4	1	3	4	6/1981	Johannessen		
8	BH	4	0	7	9	2	6	5	3/1978	Woodburn		
8	BI	3	8	8	4	4	9		4/1975	Wilhelmi et al.		
8	BJ	3	8	4	9	7	1	7	11/1974	Walz et al.		
8	BK	3	8	3	9	6	6	6	10/1974	Kitaev		

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

		DOCUMENT NUMBER		COUNTRY OR PATENT OFFICE		TRANSLATION	
						YES	
8	BL	1,087,933	10/1961	United Kingdom (Abstract)			
8	BM	1,161,347	10/1967	United Kingdom (Abstract)			
8	BN	1,161,250	12/1966	United Kingdom (Abstract)			

OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)

8	BO	Skeist et al., "Recent Advances in High Power, High Voltage Technology", THE POWER SOURCES CONFERENCE, 1984.
8	BP	Malesani et al., "Active Power Filter with Hybrid Energy Storage", IEEE, Vol. 6, No. 3, July 1991, pp. 392-397.
8	BQ	Bellar et al., "Analysis of the Dynamic and Steady-State Performance of Cockcroft-Walton Cascade Rectifiers", IEEE, Vol. 7, No. 3, July 1992, pp. 526-534.
8	BR	Joos et al., "Performance Analysis of a PWM Inverter VAR Compensator", IEEE, Vol. 6, No. 3, July 1991, pp. 380-391.

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Rudolf Limpaecher

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U.S. PATENT DOCUMENTS

EXAMINER INITIAL		PATENT NUMBER		ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE						
8	CA	3	8	0	8	5	1	2	4/1974	Sakka				
8	CB	3	8	0	5	1	4	3	4/1974	Tauern et al.				
8	CC	3	7	4	3	9	1	4	7/1973	Holz				
8	CD	3	6	7	8	3	6	2	7/1972	Amberger et al.				
8	CE	3	6	6	3	9	4	0	5/1972	Schwarz				
8	CF	3	5	0	5	5	8	6	4/1970	Dulin				
8	CG	3	3	6	6	7	9	9	1/1968	Fitch				

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		DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION
	CH						

OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)

8	CI	Klaassens et al., "Three-Phase AC-to-AC Series-Resonant Power Converter with a Reduced Number of Thyristors", IEEE, Vol. 6, No. 3, July 1991, pp. 346-355.
8	CK	Wernekinck et al., "A High Frequency AC/DC Converter with Unity Power Factor and Minimum Harmonic Distortion", IEEE, Vol. 6, No. 3, July 1991, pp. 364-370.
8	CL	Redl et al., "A Novel Soft-Switching Full-Bridge DC/DC Converter: Analysis, Design Considerations, and Experimental Results at 1.5 kW, 100 kHz", IEEE, Vol. 6, No. 3, July 1991, pp. 408-418.
8	CM	Fitch et al., "Novel Principle of Transient High Voltage Generation", PROCEEDINGS, Vol. 111, April 1964, pp. 849-855.
8		Fitch, "Mark--and Mark Like-- High Voltage Generators", MAXWELL LABORATORIES, INC., pp. 190-198 (1970).

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